ļ.

and 4

N

H

-

H

8

Please type a plus sign (+) inside this box -> +	Please	tvoe a piu	s sian (+) inside thi	s box	\rightarrow	4
--	--------	------------	-----------	--------------	-------	---------------	---

PTO/SB/01 (10-00) Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

p			,	
			Attorney Docket Number	er 14796ROUS01U
	N F ESI	OR UTILITY OR	First Named Inventor	BESHAI, Maged E.
		PLICATION	COMPLETE	E IF KNOWN
		1.63)	Application Number	Not Yet Assigned
□ Declaration □ D		□ Doutomation	Filing Date	Herewith
Submitted	OR	Declaration Submitted after Initial	Group Art Unit	
with Initial		Filing (surcharge (37 CFR 1.16 (e))	Evaminar Nama	

Examiner Name Filing required) Express Mail Label No. ET671187384US, Date of Mailing 11/13/2001 As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: Rate-Controlled Optical Burst Switching (Title of the Invention) the specification of which is attached hereto OR as United States Application Number or PCT International ☐ was filed on (MM/DD/YYYY) (if applicable). Application Number and was amended on (MM/DD/YYYY) I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application. I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed. Prior Foreign Application **Priority** Foreign Filing Date Certified Copy Attached? Country Number(s) (MM/DD/YYYY) Not Claimed YES NO Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto: I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below. Application Number(s) Filing Date (MM/DD/YYYY) Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

[Page 1 012]
Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office. Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents. Washington, DC 20231.

PTO/SB/01 (10-00)

Approved for use through 10/31/2002 OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

Direct all correctiondence to:	Customer Nu r Bar Code I				ORX	Correspondence address below
Holmes W. Anderson, Esq.						
Address Nortel Networks Limited						
600 Technology Park Drive Address						
City Billerica				State	MA	01821-5501 ZIP
USA Country		Telephone	978-2	288-6997		978-288-6543 Fax
I hereby declare that all statements made are believed to be true; and further that made are punishable by fine or imprisor validity of the application or any patent is	t these state nment, or bo	ements wer oth, under 1	e made w	ith the kr	nowledge that will	ul faise statements and the like so
NAME OF SOLE OR FIRST INV	ENTOR:			A petiti	ion has been fil	ed for this unsigned inventor
Given Name (first and middle [if any])	Mage	d E.		Family or Surn		BESHAI
Inventor's Signature						Date
	ittsville		On	tario	Canada	a Canada
			State		Country	Citizenship
	railway C	ircle	State		Country	
70 T		ircle	State		Country	
Mailing Address 70 T		Circle Ontar	State	ZiP	Country K2S1E2	
Mailing Address Mailing Address	railway C		io	ZiP	K2S1E2	Canada
Mailing Address Mailing Address City Stittsville	railway C		io	ZiP	K2S1E2 tion has been fi	Citizenship Canada Country
Mailing Address Mailing Address City Stittsville NAME OF SECOND INVENTOR Given Name	railway C		io	ZIP A petit	K2S1E2 tion has been fi	Country Canada Led for this unsigned inventor JAMOUSSI 10/30/2001
Mailing Address Mailing Address City Stittsville NAME OF SECOND INVENTOR Given Name (first and middle [if any]) Inventor's Signature	railway C		io	ZIP A petit	K2S1E2 tion has been fi	Country Canada Country Canada led for this unsigned inventor JAMOUSSI
Mailing Address Mailing Address City Stittsville NAME OF SECOND INVENTOR Given Name (first and middle [if any]) Inventor's Signature Residence: City Nas	State State Bilel N.	Ontar	io	ZiP A petit	K2S1E2 tion has been fi	Country Canada Led for this unsigned inventor JAMOUSSI Date China
Mailing Address City Stittsville NAME OF SECOND INVENTOR Given Name (first and middle [if any]) Inventor's Signature Residence: City Mailing Address 7 J	State 8: Bilel N.	Ontar	io	ZiP A petit	K2S1E2 tion has been fi	Country Canada Led for this unsigned inventor JAMOUSSI Date China
Mailing Address Mailing Address City Stittsville NAME OF SECOND INVENTOR Given Name (first and middle [if any]) Inventor's Signature Residence: City Nas	State 8: Bilel N.	Ontar	io State	ZiP A petit	K2S1E2 tion has been fi	Country Canada Led for this unsigned inventor JAMOUSSI Date China

Please type a plus sign (+) inside this box	\rightarrow	+

PTO/SB/01 (10-00) Approved for use through 10/31/2002 OMB 0651-0032 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. 14796ROUS01U Attorney Docket Number **DECLARATION FOR UTILITY OR** BESHAI, Maged E. **First Named Inventor DESIGN COMPLETE IF KNOWN** PATENT APPLICATION Not Yet Assigned (37 CFR 1.63) Application Number Herewith Filing Date □ Declaration □ Declaration Submitted after Initial OR Group Art Unit Submitted Filing (surcharge with Initial (37 ČFR 1.16 (e)) **Examiner Name** Filing

	required)				
Express Mail Label	No. ET671187	384US. Date of	Mailing 1	1/13/2001	
As a below named inventor, I her					
My residence, mailing address, and	d citizenship are as state	ed below next to my nan	ne.		
I believe I am the original, first and	sole inventor (if only on	e name is listed below)	or an original, first	and joint inventor (if plura	ai
names are listed below) of the sub	ect matter which is clair	ned and for which a pat	ent is sought on th	e invention entitled:	
Rate-Controlled Optical Burst Sv	vitching				
	(Ti	tle of the Invention)			
the specification of which					
is attached hereto		an United Ci	tataa Annlication N	lumber or PCT Internation	nal
was filed on (MM/DD/YYYY)		as officed Si	tates Application is		
Application Number			<u> </u>	(if applicabl	e).
· · · · · · · · · · · · · · · · · · ·		mended on (MM/DD/YY	•		
I hereby state that I have reviewed amended by any amendment spe-	d and understand the co cifically referred to abov	ntents of the above ider e.	ntified specification	i, including the claims, as	
I acknowledge the duty to disclose in-part applications, material inforr PCT international filing date of the	e information which is m mation which became av continuation-in-part ap	aterial to patentability as vailable between the filir plication.	s defined in 37 CF ng date of the prior	R 1.56, including for cont application and the nation	inuation- onal or
I hereby claim foreign priority ben certificate, or 365(a) of any PCT i America, listed below and have certificate, or any PCT internation	efits under 35 U.S.C. 1	19(a)-(d) or 365(b) of an which designated at lea	ast one country of any foreign applic	ner than the United State ation for patent or inven	es oi
Prior Foreign Application	Country	Foreign Filing Date	Priority	Certified Copy Attach	ed?
Number(s)	Country	(MM/DD/YYYY)	Not Claimed	YES NO	
☐ Additional foreign application	numbers are listed on a	supplemental priority da	ata sheet PTO/SB	/02B attached hereto:	
I hereby claim the benefit under					
Application Number(s)		e (MM/DD/YYYY)	Additional numbers supplem	al provisional application are listed on a ental priority data sheet 02B attached hereto.	

DECLARATION — Utility or Design Patent Application

Direct all correspondence to:	ustomer Num Bar Code La				OR X	Correspondence address below
Name Holmes W. Anderson, Esq.						
Address Nortel Networks Limited						
600 Technology Park Drive Address						
City Billerica				State	МА	01821-5501 ZIP
USA Country	Т	elephone	978-2	88-6997		978-288-6543 Fax
I hereby declare that all statements mad are believed to be true; and further that made are punishable by fine or imprison validity of the application or any patent is	these staten ment, or both	nents wer n, under 1	e made wi	th the kr	nowledge that willf	ul faise statements and the like so
NAME OF SOLE OR FIRST INVI	ENTOR:			A petit	ion has been fil	ed for this unsigned inventor
Given Name (first and middle [if any])	Maged	E.		Family or Surr		BESHAI
Inventor's May 5	Rej	1	_ ·			NOV. 8, 2001
Residence: City	ttsville		Ont State	ario	Canad Country	Canada Citizenship
70 T	railway Cir	cle				
Mailing Address						
City Stittsville	State	Ontari	io	ZIP	K2S1E2	Country Canada
NAME OF SECOND INVENTOR	:			A peti	tion has been fi	led for this unsigned inventor
Given Name (first and middle [if any])	Bilel N.			Family or Sur		JAMOUSSI
Inventor's Signature						Date
Residence: City	hua		State	٧H	USA Country	CANADA Citizenship
	ared Circle					
Mailing Address						
City Nashua	State	NH		ZIP	03063	Country
Additional inventors are being named		suppleme	ntal Addition		ntor(s) sheet(s) P1	O/SB/02A attached hereto.

PTO/SB/81 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it display a valid OMB control number.

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	Not Yet Assigned	
Filing Date	Herewith	
First Named Inventor	BESHAI, Maged E.	
Group Art Unit		
Examiner Name		
Attorney Docket Number	14796ROUS01U	

Express Mail Label No. ET671187384US, Date o	t Mailing 11/13/2001
I hereby appoint: Practitioners at Customer Number	Place Customer Number Bar Code
OR	Label here
X Practitioner(s) named below:	
Name	Registration Number
Holmes W. Anderson	37,272 42,417
Christopher J. Cianciolo	38,549
Lindsay G. McGuinness	37,946
Mary M. Steubing	
as my/our attorney(s) or agent(s) to prosecute the application id business in the United States Patent and Trademark Office con	entified above, and to transact all nected therewith.
Please change the correspondence address for the above-idention The above-mentioned Customer Number. OR	fied application to:
Firm <i>or</i> Individual Name	
Address	
Address	
City	State Zip
Country	
Telephone I	-ax
I am the: Applicant/Inventor. Assignee of record of the entire interest. See 37 CFR 3.7	71
Statement under 37 CFR 3.73(b) is enclosed. (Form PTC	
SIGNATURE of Applicant or Assigne	e of Record
Name Maged E. Beshai	
Signature Magd & Replant	•
Date NOV. 8, 200	
NOTE: Signatures of all the inventors or assignees of record of the entire interest of forms if more than one signature is required, see below*.	or their representative(s) are required. Submit multiple
☑ *Total of forms are submitted.	100

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please	type a	a plus	sign	(+)	inside	this box	-
--------	--------	--------	------	-----	--------	----------	---

PTO/S8/81 (10-00)
Approved for use through 10/31/2002. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it display a valid OMB control number.

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	Not Yet Assigned
Filing Date	Herewith
First Named Inventor	BESHAI, Maged E.
Group Art Unit	
Examiner Name	
Attorney Docket Number	14796ROUS01U

OR		Customer Number]-			ustomer Bar Code ere
	31.1.3.(3)	Name			Registra	ation Numb	er
t	Holmes W. And			37,2		anost (total	"
Ţ	Christopher J.	Ciancíolo		42,4			
	Lindsay G. McC			38,5	549		
Ţ	Mary M. Steub			37,94	16		
Please cha	ange the corre	States Patent and Trade espondence address for led Customer Number.					
OR							
OR Firm or							
Firm or	r ual Name						
Firm of Individ							
Firm of Individ							
Firm or Individe Address Address City				State		Zip	
Firm or Individed Address Address City Country						Zip	
Firm or Individe Address Address City Country Telephone	ual Name			State =		Zip	
Address Address City Country Telephone I am the:	ual Name	OF.				Zip	
Firm or Individ Address Address City Country Telephone I am the: X App	plicant/Invento	or. ord of the entire interest.	See 37 CFR 3.7	ax	96).	Zip	
Firm or Individ Address Address City Country Telephone I am the: X App	plicant/Invento	ord of the entire interest.	See 37 CFR 3.7 losed. (Form PTC	71. O/SB/		Zip	
Firm or Individ Address Address City Country Telephone I am the: Ass Sta	plicant/Invento	ord of the entire interest.	See 37 CFR 3.7 losed. (Form PTC	71. O/SB/		Zip	
Firm or Individ Address Address City Country Telephone I am the: X App	plicant/Invento	ord of the entire interest. or 37 CFR 3.73(b) is encl SIGNATURE of App	See 37 CFR 3.7 losed. (Form PTC	71. O/SB/		Zip	